

1 7. The publication certifying system according to claim
2 1 further comprising a digital-signature server
3 comprising a time-stamp adding function of adding a
4 time stamp to said viewing-access-log, an enciphering
5 function of enciphering said viewing-access added said
6 time stamp using a predetermined secret key to put a
7 digital signature to said time-stamped
8 viewing-access-log, and a viewing-access-log storing
9 function of storing said time-stamped
10 viewing-access-log to which the digital signature has
11 been put by said enciphering function.

1 8. The publication certifying system according to
2 claim 1 further comprising at least one information
3 terminal for access-to-view for periodically having
4 an access of viewing said published information in said
5 information providing server in order to intentionally
6 leave a log of the access of viewing said published
7 information in said viewing-access-log recording

8 server.

1 9. The publication certifying system according to
2 claim 8, wherein a plurality of said information
3 terminals for access-to-view are disposed in a
4 plurality of countries, respectively.

1 10. The publication certifying system according to
2 claim 8, wherein said information terminal for
3 access-to-view is connected to said communication
4 network via a server of an Internet service provider.

1 11. The publication certifying system according to
2 claim 1, wherein a proxy server of an Internet service
3 provider comprises a function as said
4 viewing-access-log recording server.

1 12. The publication certifying system according to
2 claim 1, wherein a person, who desires to publish
3 information, transmits identification information
4 and a password beforehand given to said person to said
5 information providing server over said communication
6 network, and said information providing server
7 confirms said person on the basis of said
8 identification information and said password, then
9 stores and publishes said information as said published
10 information.

1 13. The publication certifying system according to
2 claim 12, wherein said identification information and
3 said password are described on a prepaid card purchased
4 by said person.

1 14. The publication certifying system according to
2 claim 13, wherein a remaining amount of time of said
3 prepaid card corresponds to the number of times
4 information is published in said information providing
5 server.

1 15. The publication certifying system according to
2 claim 1 further comprising a publishing-access-log
3 recording server comprising a publishing-access-log
4 obtaining function of obtaining said published
5 information and a publishing date/time of said
6 published information as a publishing-access-log when
7 information is published in said information providing
8 server over said communication network and published
9 as said published information, and a
10 publishing-access-log storing function of storing
11 said publishing-access-log obtained by said
12 publishing-access-log obtaining function.

1 16. The publication certifying system according to
2 claim 15, wherein said viewing-access-log recording

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3 server also fulfils a function as said
4 publishing-access-log recording server, said
5 viewing-access-log obtaining function functions as
6 said publishing-access-log obtaining function, and
7 said viewing-access-log storing function functions as
8 said publishing-access-log storing function.

1 17. The publication certifying system according to
2 claim 1, wherein said viewing-access-log storing
3 function stores said published information included
4 in said viewing-access-log in a compressed form.

1 18. A viewing-access-log recording server
2 comprising:
3 a viewing-access-log obtaining function of
4 obtaining published information viewed over a
5 communication network and an access date/time to said
6 published information as a viewing-access-log; and
7 a viewing-access-log storing function of
8 storing said viewing-access-log obtained by said
9 viewing-access-log obtaining function.

1 19. The viewing-access-log recording server
2 according to claim 18, wherein said viewing-access-log
3 obtaining function further obtains terminal
4 information about an information terminal having
5 accessed to said published information as said

6 viewing-access-log.

1 20. The viewing-access-log recording server
2 according to claim 18 further comprising a
3 message-digest creating function of creating a message
4 digest of said published information obtained by said
5 viewing-access-log obtaining function;
6 said viewing-access-log storing function
7 storing said message digest as said published
8 information in said viewing-access-log.

1 21. The viewing-access-log recording server
2 according to claim 18 further comprising an enciphering
3 function of enciphering said viewing-access-log to be
4 stored by said viewing-access-log storing function
5 using a secret key of said viewing-access-log recording
6 server to put a digital signature to said
7 viewing-access-log.

1 22. A publishing-access-log recording server
2 comprising:
3 a publishing-access-log obtaining function of
4 obtaining information transmitted to and published in
5 an information providing server over a communication
6 network and a publishing date/time of said information
7 as a publishing-access-log; and
8 a publishing-access-log storing function of

9 storing said publishing-access-log obtained by said
10 publishing-access-log obtaining function.

1 23. A digital-signature server configuring a
2 publication certifying system with an information
3 providing server comprising a published information
4 storing function of storing published information to
5 be provided as electronic data, and a published
6 information bulletin function of providing said
7 published information to an information terminal
8 accessing over a communication network in order to view
9 said published information, and a viewing-access-log
10 recording server comprising a viewing-access-log
11 obtaining function of obtaining said published
12 information viewed on said information terminal over
13 said communication network and an access date/time to
14 said published information as a viewing-access-log,
15 and a viewing-access-log storing function of storing
16 said viewing-access-log obtained by said
17 viewing-access-log obtaining function, said
18 digital-signature server comprising:

19 a time-stamp adding function of adding a time
20 stamp to said viewing-access-log; and

21 an enciphering function of enciphering said
22 viewing-access-log added said time stamp using a secret
23 key of said digital-signature server to put a digital
24 signature to said time-stamped viewing-access-log.

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1 24. The digital-signature server according to claim
2 23 further comprising a viewing-access-log storing
3 function of storing said time-stamped
4 viewing-access-log to which the digital signature has
5 been put by said enciphering function.

1 25. An information terminal for access-to-view
2 configuring a publication certifying system with an
3 information providing server comprising a published
4 information storing function of storing published
5 information to be provided as electronic data, and a
6 published information bulletin function of providing
7 said published information to said information
8 terminal accessing over a communication network in
9 order to view said published information, and a
10 viewing-access-log recording server comprising a
11 viewing-access-log obtaining function of obtaining
12 said published information viewed on said information
13 terminal over said communication network and an access
14 date/time to said published information as a
15 viewing-access-log, and a viewing-access-log storing
16 function of storing said viewing-access-log obtained
17 by said viewing-access-log obtaining function;
18 said information terminal for access-to-view
19 periodically having an access of viewing said published
20 information in said information providing server in

21 order to intentionally leave a log of the access of
22 viewing said published information in said
23 viewing-access-log recording server.

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